

ABSTRACT OF THE DISCLOSURE

A thermal printing device includes a substrate, an insulation layer on the substrate, and a plurality of microheaters on the insulation layer. Two adjacent ones of the microheaters are separated by a trench. Each of the microheaters
5 includes a body having a heating surface, and two metal wires disposed on two sides of the heating surface of the body. A thermal printing operation is performed by applying a variable voltage or current between the two metal wires in order to heat the microheater to a predetermined temperature.